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# South Carolina

## Weekly Weather and Crop Progress Report



South  
Carolina  
State  
Climatology  
Office



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Week Ending September 9, 2007

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### GENERAL

South Carolina's major crops are teetering as to their yield potential due to continuing drought conditions. Many areas have reported none to very little rain. There were some mornings last week with comfortable temperatures providing relief from the extreme heat, but temperatures were still well into the 90's as the days progressed. The soil moisture average rating for the past week was 29% very short, 46% short, and 25% adequate. There was an average of 6.5 days that were suitable for field work.

### FIELD CROPS

**CORN** continued to be harvested. Corn condition for the week was 2% very poor, 21% poor, 47% fair, 26% good, and 4% excellent. A small number of **COTTON** growers applied defoliants for the first time last week. Stink bug and larvae pest activity has been at a minimum with little or no controls being applied. The cotton condition was 11% very poor, 31% poor, 39% fair, 17% good and 2% Excellent. The lack of significant rain has caused **PEANUTS** to suffer. The condition was 1% very poor, 9% poor, 57% fair, 28% good, and 5% excellent. A few Velvetbean caterpillars were being found in **SOYBEANS** but no controls were being applied. The condition of the crop was 13% very poor, 26% poor, 49% fair, 11% good, and 1% excellent. **TOBACCO** was still being harvested this week.

### OTHER ITEMS OF INTEREST

**LIVESTOCK** continued to be sold because of the lack of **HAY** and poor **PASTURES**. **PEACH** farmers continued to harvest late varieties as the season comes to a close. The **APPLE** harvest continues with poor yields. The condition was unchanged, remaining in very poor to fair condition. Growers across the state are waiting for rain before beginning their **WINTER GRAZING** plantings.

### Crop Progress for Week Ending September 9, 2007

Crop and Stage	2007	2006	5-Yr Avg	Crop and Stage			2007	2006	5-Yr Avg
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Apples, Harvested	30	33	31	Sorghum, Harvested	32	54	33		
Corn, Matured	99	99	99	Soybeans, Bloomed	100	98	98		
Corn, Harvested	73	62	67	Soybeans, Pods Set	83	88	85		
Cotton, Bolls Set	100	100	98	Soybeans, Turned Color	10	10	15		
Cotton, Bolls Opened	40	41	36	Soybeans, Leaves Dropped	2	2	3		
Hay, Other Hay, Harvested	99	99	98	Tobacco, Harvested	92	93	94		
Peaches, Harvested	93	94	95	Tobacco, Stalks Destroyed	36	56	55		
Sorghum, Turned Color	88	91	92	Winter Grazings, Planted	0	10	12		
Sorghum, Matured	63	70	64						

### Condition for Week Ending September 9, 2007

Crop	Very Poor	Poor	Fair	Good	Excellent	Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent	Percent
Apples	40	38	22	0	0	Peanuts	1	9	57	28	5
Corn	2	21	47	26	4	Sorghum	8	30	42	20	0
Cotton	11	31	39	17	2	Soybeans	13	26	49	11	1
Livestock	9	13	59	19	0	Sweetpotatoes	7	18	75	0	0
Pasture	21	34	42	3	0						

## **South Carolina Weekly Weather Summary for the Week Ending September 9, 2007**

An area of high pressure, ridging south along the east coast, was responsible for mostly sunny, dry weather during the week. Early morning temperatures Tuesday through Wednesday cooled into the 50's and 60's. Daytime high temperatures during the workweek continued hot with many locations baking under 95-degree heat. Onshore surface winds Friday and Saturday lowered maximum temperatures to around 90 degrees. On Saturday, Tropical Storm Gabrielle passed well offshore while moving northwest towards the North Carolina Outer Banks. The week ended much as it began with above normal heat. The state average temperature for the period was two degrees above normal.

The highest official temperature reported was 98 degrees at Union on September 9. The lowest official temperature reported was 53 degrees at Johnston on the morning of September 4. The heaviest official 24-hour rainfall reported was 0.55 inches at Table Rock ending at 7:00 a.m. on September 4. The state average rainfall for the period was 0.0 inches.

**SOIL:** 4-inch depth average soil temperature: Columbia 83 degrees.

**RIVERS AND SURF:** South Carolina river stages were below normal. Ocean water temperatures at S Capers Island were reported at 82 degrees.

### **Precipitation**

Location	Weekly Total	Jan 1 Total	Deviation from Average
Greer	0.00	22.15	-13.8
Columbia	0.00	22.91	-13.6
Orangeburg	0.00	28.85	-7.7
Charlotte, NC	0.00	20.36	-11.8
Augusta, GA	0.00	23.40	-9.8
Florence	0.00	25.63	-7.7
N Myrtle Beach	0.00	23.98	-8.3
Charleston	0.00	26.77	-11.8
Savannah, GA	0.00	33.15	-4.8

Weekly rainfall totals this period ending midnight Sunday.

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